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## Topic alert: Pharmacology, toxicology and pharmaceutical science: Toxicology and Toxicity

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*Biomedicine & Pharmacotherapy*, Volume 86, February 2017, Pages 705-714  
Chhavi Uthra, Sadhana Shrivastava, Amita Jaswal, Neelu Sinha, Mohd. Salim Reshi, Sangeeta Shukla

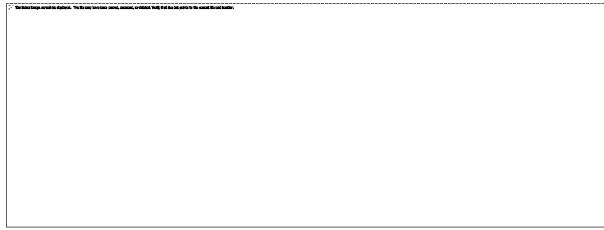
editorial board (IFC)  
*Experimental and Toxicologic Pathology*, Volume 69, Issue 2, February 2017, Pages IFC

Activation of AMPK by berberine induces hepatic lipid accumulation by upregulation of fatty acid translocase CD36 in mice Original Research Article  
*Toxicology and Applied Pharmacology*, Volume 316, 1 February 2017, Pages 74-82  
You-Jin Choi, Kang-Yo Lee, Seung-Hwan Jung, Hyung Sik Kim, Gayong Shim, Mi-Gyeong Kim, Yu-Kyoung Oh, Seon-Hee Oh, Dae Won Jun, Byung-Hoon Lee

IFC continued (editorial board)  
*Toxicology Letters*, Volume 266, 15 January 2017, Pages IFC

Graphene quantum dots for cancer targeted drug delivery Original Research Article  
*International Journal of Pharmaceutics*, Available online 2 January 2017, Pages  
Daniela Iannazzo, Alessandro Pistone, Marina Salamò, Signorino Galvagno, Roberto Romeo, Salvatore V. Giofré, Caterina Branca, Giuseppa Visalli, Angela Di Pietro

## **Graphical abstract**

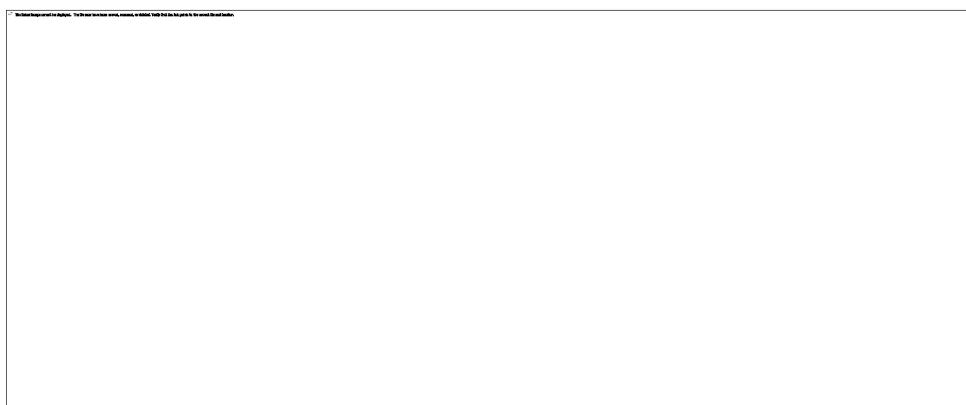


Activity of *Pericampylus glaucus* and periglaucine A in vitro against nasopharangeal carcinoma and anti-inflammatory activity. Original Research Article

*Journal of Ethnopharmacology*, Available online 1 January 2017, Pages

Fiona Natalia Shipton, Teng-Jin Khoo, Md Shahadat Hossan, Christophe Wiart

## **Graphical abstract**

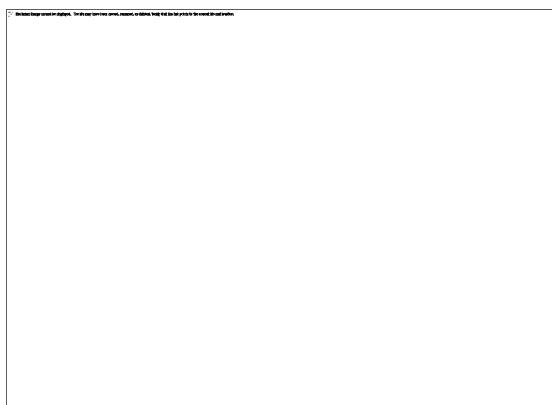


Anti-psoriatic potential of *Solanum xanthocarpum* stem in Imiquimod-induced psoriatic mice model. Original Research Article

*Journal of Ethnopharmacology*, Available online 1 January 2017, Pages

Komal M. Parmar, Prakash R. Itankar, Apurva Joshi, Satyendra K. Prasad

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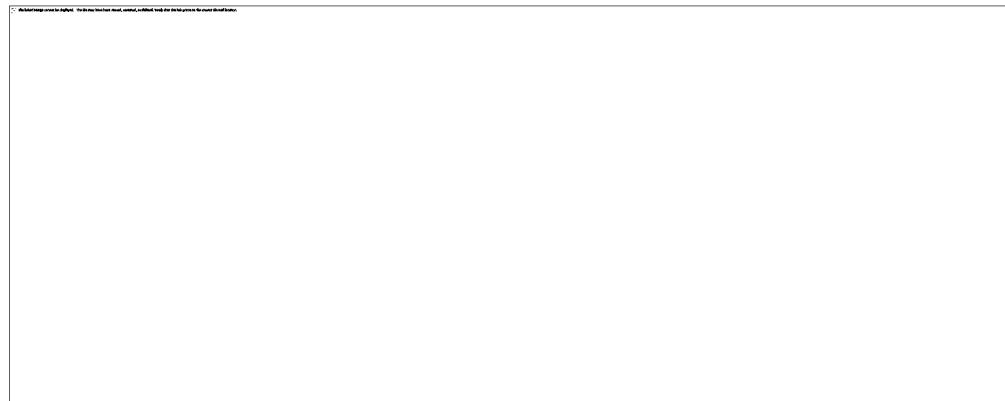


A new, convenient and expeditious synthesis of 4-alkyl-5-methyl-1*H*-pyrazol-3-ols in water through a multicomponent reaction

*Tetrahedron Letters, Available online 1 January 2017, Pages*

Subarna Jyoti Kalita, Rajarshi Bayan, Jutika Devi, Sanfaori Brahma, Hormi Mecadon, Dibakar Chandra Deka

### Graphical abstract



ALTERACIONES EN LA HOMEOSTASIS DEL COLESTEROL HEPÁTICO Y SUS IMPLICACIONES EN LA ESTEATOHEPATITIS NO ALCOHÓLICA

*TIP, Volume 20, Issue 1, January–June 2017, Pages 50-65*

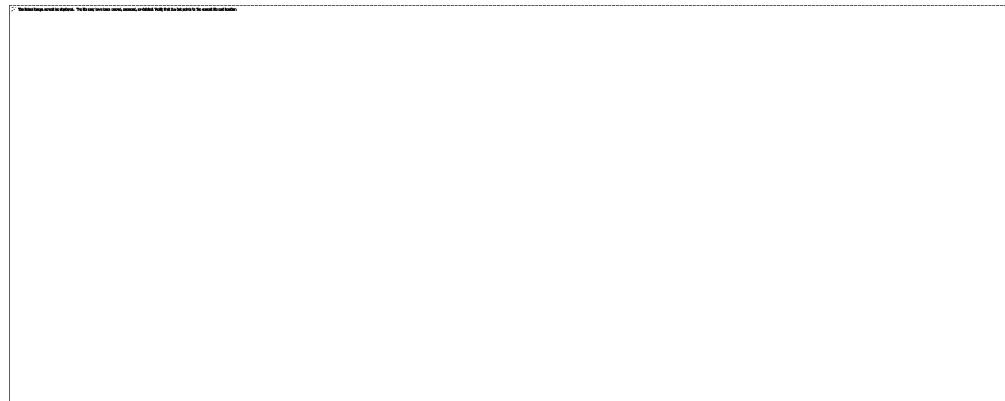
Joel Vega-Badillo

The long story of Camptothecin: From traditional medicine to drugs Review Article

*Bioorganic & Medicinal Chemistry Letters, Available online 31 December 2016, Pages*

Emanuela Martino, Serena Della Volpe, Elisa Terribile, Emanuele Benetti, Mirena Sakaj, Adriana Centamore, Andrea Sala, Simona Collina

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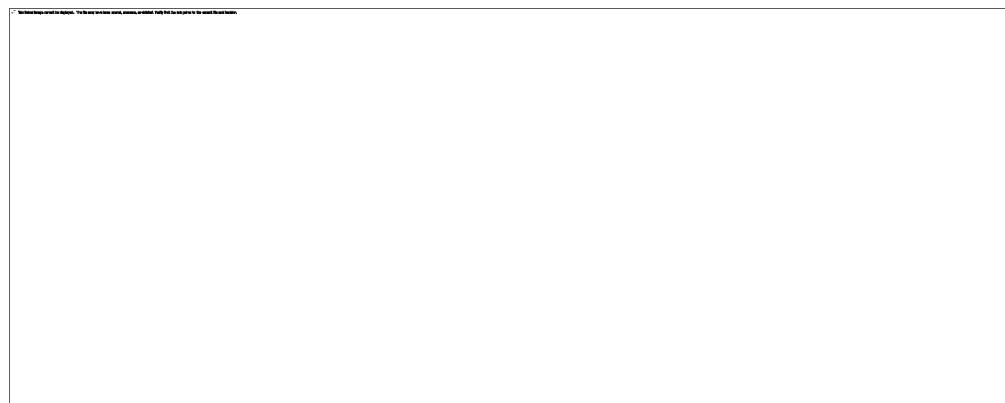


Design, synthesis and biological evaluation of regioisomers of 666-15 as inhibitors of CREB-mediated gene transcription

*Bioorganic & Medicinal Chemistry Letters*, Available online 31 December 2016, Pages

Fuchun Xie, Bingbing X. Li, Xiangshu Xiao

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Mitigation of enniatins in edible fish tissues by thermal processes and identification of degradation products Original Research Article

*Food and Chemical Toxicology*, Available online 31 December 2016, Pages

J. Tolosa, G. Font, J. Mañes, E. Ferrer

*In vitro* protective effects of botryosphaeran, a (1→3;1→6)- $\beta$ -D-glucan, against mutagens in normal and tumor rodent cells Original Research Article

*Mutation Research/Genetic Toxicology and Environmental Mutagenesis*, Available online 31 December 2016, Pages

Leandra E. Kerche-Silva, Ilce M.S. Cólus, Maressa Malini, Mateus Prates Mori, Robert F.H. Dekker, Aneli M. Barbosa-Dekker

Lymphocytes contribute to biliary injury and fibrosis in experimental xenobiotic-induced cholestasis Original Research Article

*Toxicology*, Available online 31 December 2016, Pages

Nikita Joshi, Anna K. Kopec, Holly Cline-Fedewa, James P. Luyendyk

Aryl hydrocarbon receptor activation by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin impairs human B lymphopoiesis Original Research Article

*Toxicology*, Available online 31 December 2016, Pages

Jinpeng Li, Ashwini S. Phadnis-Moghe, Robert B. Crawford, Norbert E. Kaminski

Perfluoroalkyl acids-induced liver steatosis: Effects on genes controlling lipid homeostasis Original Research Article

*Toxicology*, Available online 31 December 2016, Pages

Kaberi P. Das, Carmen R. Wood, Mimi J. Lin, Anatoly A. Starkov, Christopher Lau, Kendall B. Wallace, J. Christopher Corton, Barbara D. Abbott

In Vitro Models Reveal Differences in the Developmental Neurotoxicity of an Environmental Polycyclic Aromatic Hydrocarbon Mixture Compared to Benzo[a]pyrene: Neuronotypic PC12Cells and Embryonic Neural Stem Cells   Original Research Article

*Toxicology, Available online 31 December 2016, Pages*

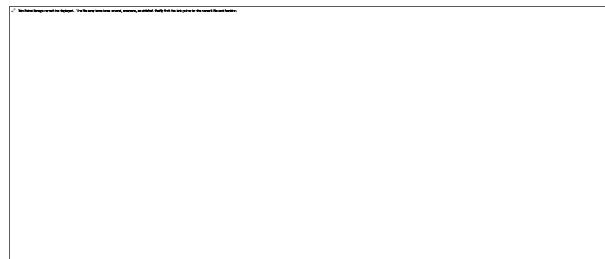
Theodore A. Slotkin, Samantha Skavicus, Jennifer Card, Richard T. Di Giulio, Frederic J. Seidler

Trimethylamine N-oxide impairs pyruvate and fatty acid oxidation in cardiac mitochondria   Original Research Article

*Toxicology Letters, Available online 31 December 2016, Pages*

Marina Makrecka-Kuka, Kristine Volska, Unigunde Antone, Reinis Vilskersts, Solveiga Grinberga, Dace Bandere, Edgars Liepinsh, Maija Dambrova

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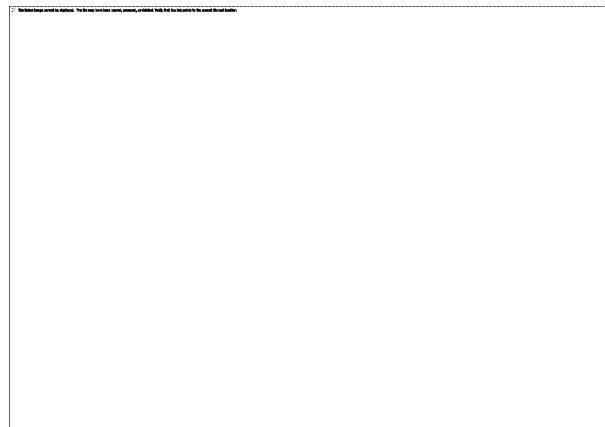


Role of CYP1A1 in the biological activity of methylated resveratrol analogue, 3,4,4',5-tetra-methoxystilbene (DMU-212) in ovarian cancer A-2780 and non-cancerous HOSE cells   Original Research Article

*Toxicology Letters, Available online 31 December 2016, Pages*

Hanna Piotrowska-Kempisty, Agnieszka Klupczyńska, Dorota Trzybulska, Katarzyna Kulcenty, Anna Maria Sulej-Suchomska, Małgorzata Kucińska, Renata Mikstacka, Marcin Wierzchowski, Marek Murias, Wanda Baer-Dubowska, Zenon Kokot, Jadwiga Jodynisi-Liebert

### **Graphical abstract**



Single Dose Activated Charcoal for gut decontamination: application by medical non-professionals -a prospective study on availability and practicability Original Research Article  
*Toxicology Reports*, Available online 31 December 2016, Pages  
Rudolf Pfab, Sabrina Schmoll, Gabriele Dostal, Jochen Stenzel, Alexander Hapfelmeier, Florian Eyer

Involvement of Water Channel Aquaporin 5 in H<sub>2</sub>S-Induced Pulmonary Edema Original Research Article  
*Environmental Toxicology and Pharmacology*, Available online 30 December 2016, Pages  
Chunyang Xu, Lei jiang, Yuxia Zou, Jingjing Xing, Hao Sun, Baoli Zhu, Hengdong Zhang, Jun Wang, Jinsong Zhang

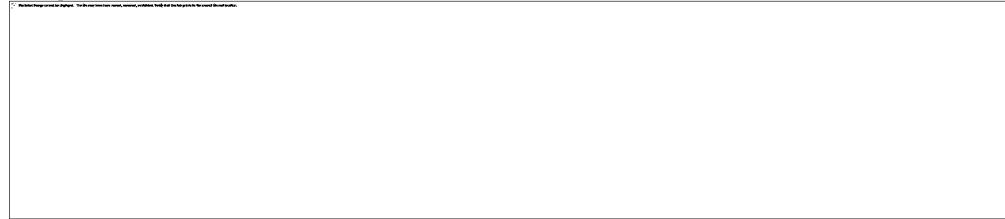
Egg white-derived peptides prevent male reproductive dysfunction induced by mercury in rats Original Research Article  
*Food and Chemical Toxicology*, Available online 30 December 2016, Pages  
Danize Aparecida Rizzetti, Caroline Silveira Martinez, Alyne Goular Escobar, Taiz Martins da Silva, José Antonio Uranga-Ocio, Franck Maciel Peçanha, Dalton Valentim Vassallo, Marta Miguel Castro, Giulia Alessandra Wiggers

A risk assessment of dietary Ochratoxin a in the United States Original Research Article  
*Food and Chemical Toxicology*, Available online 30 December 2016, Pages  
Nicole J. Mitchell, Chen Chen, Jeffrey D. Palumbo, Andreia Bianchini, Jack Cappozzo, Jayne Stratton, Dojin Ryu, Felicia Wu

Tumour regression and improved gastrointestinal tolerability from controlled release of SN-38 from novel polyoxazoline-modified dendrimers Original Research Article  
*Journal of Controlled Release*, Available online 30 December 2016, Pages  
Richard M. England, Jennifer I. Hare, Jennifer Barnes, Joanne Wilson, Aaron Smith, Nicole Strittmatter, Paul Kemmitt, Michael J. Waring, Simon T. Barry, Cameron Alexander, Marianne Ashford

## Graphical abstract

Image 1



Investigation into Effect of Microsampling on Mouse Fetuses and Pregnant Mice in the Embryofetal Development Study Design Original Research Article  
*Reproductive Toxicology*, Available online 30 December 2016, Pages  
Terri Mitchard, Sarah Kirk, Claire Grant, Jane Stewart

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